PTO/SB/08A (09-06)

Approved for use through 03/31/2007. OMB 0651-0031 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE order the Paperwork Reduction Act of 1995, no persons are required to r

Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)

of 3

	Complete if Known				
	Application Number	10/574,424			
	Filing Date	10/04/2004			
	First Named Inventor	Contorni, Mario			
	Art Unit	1645			
	Examiner Name				
	Attorney Docket Number	PP021401.0012			

Examiner	I or		Publication Date	F DOCUMENTS Name of Patentee or	T 8. 0.1. 11 120
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (F Answer)}	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	^{US-} 2003/0068336	04-10-2003	Ryall	
		US-			
-		US-			
		US-			· · · · · · · · · · · · · · · · · · ·
	 	US-			
		US			
	-	US-	1		
		US-	<u> </u>		
		US-	-		
		US-	1		
		US-	1		
	 	US-	1		
	\vdash	US-		 	

			PATENT DOCL	MENTS		
Examiner Initials*	Cite No.1	No.1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Г
						TS
	B1	WO 03/020756	03-13-2003	CHIRON SPA		
	B2	WO 02/00249	01-03-2002	SMITHKLINE BEECHAM		
	В3	WO 03/007985	01-30-2003	CHIRON S.P.A.		
	B4	WO 02/058737	08-01-2002	AVENTIS PASTEUR		
	B5	WO 99/42130	08-26-1999	CONNAUGHT LAB		
	86	WO 04/067030	08-12-2004	CHIRON SRL		

Examiner Signature	1	Date Considered	

"EXAMNER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered include copy of this form with next communication to applicant. "Applicant's unique citation designation number (options)" See Kinds Codes of USPTO Patent Documents at www.uspc.og. ov or MPEP 90.10 in. "Enter Office that issued the document, by the next-cetter code (VMPO Standard ST.3)." For Japanese patent documents, he indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document with appropriate symbolics as indicated on the document and VMPO Standard ST.1 if it possible." Applicant is to place at check mark her efficient flaguage. Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) a splicitation. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application from the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (09-06)

Approved for use through 03/31/2007. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control numb Complete if Known Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/574,424 Filing Date 10/04/2004 First Named Inventor Contorni, Mario 1645 Evaminer Name Attorney Docket Number PP021401.0012

(Use as many sheets as necessary) Sheet 2 of 3

			U. S. PATENT D			
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
		Number-Kind Code ^{2 (F known)}			Figures Appear	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
	 	US-				
		US-				
	_	US-	1		1	
	-	US-	1.		***************************************	
	_	US-	 			
	_	US-				
	_	US-	1			
		US-				
		US-	1			
		US-				
	-	US-				
		US-			1	

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	MM-DD-YYYY	Applicant of Onco Document	Or Relevant Figures Appear	T ⁶
	B7	WO 04/032958	04-22-2004	CHIRON SRL		
	B8	WO 03/094834	11-20-2003	UNIVERSITEIT LEIDEN		
	B9	WO 04/067033	08-12-2004	CHIRON SRL, et al		Г
						匚

1	Examiner				Date	
1	Signature				Considered	
٩	TEVAMBLE	tablet if automobile 277	CONTRACTOR OF STREET	W MOCD see D		

"EXAMINER, Initial if reference considered, whether or not classon is in conformance with MPEP 609. Draw line through classion if not in conformance and not considered, include copy of this from with next communication to applicant. Applicants unique classion designation number (optional). "See Kinds Costor (USP) Classification (Policy Costor (Initial Costor (Init Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tademank Officer, P.O. Box 1450, Alexandria, V.S. 2231-1450, D.O. NOT SEND FEES OR COMPLETEE FORMS TO THIS ACRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (01-08)

Approved for use through 02/29/2008, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons an Substitute for form 1449/PTO	re required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known		
Substitute for form 1449/PTO	Application Number	10/574,424	
INFORMATION DISCLOSURE	Filing Date	10/04/2004	
STATEMENT BY APPLICANT	First Named Inventor	Contorni, Mario	
(Use as many sheets as necessary)	Art Unit	1645	
Ose as many sneets as necessary	Examiner Name		
Sheet 3 of 3	Attorney Docket Number	PP021401.0012	

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
	C1	MASIGNANI, V. et al., "Vaccination against Neisseria meningitidis Using Three Variants of the Lipoprotein GNA1870," J Exp. Med., 197 (6): 789-799 (2003)				
	C2	PIZZA, M. et al., "Identification of Vaccine Candidates Against Serogroup B Meningococcus by Whole-Genome Sequencing," Science, 287: 1816-1820 (2000)				
	СЗ	ADU-BOBIE, J. et al., "Two years in reverse vaccinology," Vaccine, 21: 605-610 (2003)				
	C4	MORA, M., et al., "Reverse Vaccinology," DDT, 8 (10): 459-464 (2003)				
	C5	BRÖKER, M., "Development of New Vaccines against Meningococcal Disease," ArzneimForsch./DrugRes, 53 (12): 805-813 (2003)				
	C6	JÓDAR, L. et al., "Development of vaccines against meningococcal disease," The Lancet, 359: 1499-1508 (2002)				
		·				

Examiner Signature	/Albert M Navarro/	Date Considered	08/04/2009

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

consistence, includes copy of the form with next communication to pignetic and the property of the form with the communication of the property of the form of the